PATENT COOPERATION TREATY

From the	TONAL SEARC	HING AUTH	ORITY			
To: STEVEN M. HAAS FAY, SHARPE, FAGAN, MINNICH & MCKEE, LLP			MCKEE, LLP	PCT		
1100 SUPERIOR AVENUE, SEVENTH FLOOR CLEVELAND, OH 44114-2579			FLOOR	WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY		
					(PCT Rule 43bis.1)	
				Date of mailing (day/month/year)	29 JUL 2005	
Applicant'	s or agent's file r	eference		FOR FURTHER	ACTION See paragraph 2 below	
ROKZ200			[Y 1.61 1.4.		Priority date (day/month/year)	
Internation	al application No).	International filing date			
PCT/US04	1/38334	action (IDC)	16 November 2004 (16.1 or both national classification			
				ion and ii C	·	
IPC(7): Go Applicant	06F 13/00 and US	S CI.: 710/300				
ROCKWE	LL AUTOMATI	ON TECHNO	DLOGIES, INC.			
1. This o	pinion contains in	ndications rela	ating to the following item	s:		
	Box No. I	Basis of the				
	Box No. II	Priority	-		•	
	Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability				ntive step and industrial applicability	
	Box No. IV					
	Box No. V					
	Box No. VI					
	Box No. VII	Certain defe	ects in the international ap	plication		
	Box No. VIII	Certain obs	ervations on the internation	nal application		
2. FUR	THER ACTIO	N				
Intern	ational Prelimina	ry Examining	e Authority ("TPEA") ex	cept that this does IPEA has notified th	be considered to be a written opinion of the not apply where the applicant chooses an a International Bureau under Rule 66.1bis(b) ered.	
If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.						
For further options, see Form PCT/ISA/220.						
3. For fu	3. For further details, see notes to Form PCT/ISA/220.					
Name and	mailing address o	f the ISA/ US		Authorized office	1///	
N	fail Stop PCT, Attn:	: ISA/US		Rehana Perveen	// /	
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Alexandria, Virginia 22313-1450 Telephone No. (571-272-3950 Facsimile No. (571) 273-8300				71-272-3950		
Form PCT/IS	SA/237 (cover she	et) (January 2	2004)	· //		

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PCT/US04/38334

Box No	o. I Basis of this opinion
1. With r was fi	egard to the language, this opinion has been established on the basis of the international application in the language in which it led, unless otherwise indicated under this item.
	This opinion has been established on the basis of a translation from the original language into the following language, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With r invent	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed tion, this opinion has been established on the basis of:
a.	type of material
	a sequence listing
	table(s) related to the sequence listing
ъ.	format of material
	in written format
	in computer readable form
c.	time of filing/furnishing
	contained in international application as filed.
	filed together with the international application in computer readable form.
	furnished subsequently to this Authority for the purposes of search.
3.	In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additi	ional comments:

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atement				
Novelty (N)	Claims	4,6,7,9-13,15,16,20 and	121	YES
	Claims	1-3, 5, 8, 14, 17-19		NO
Inventive step (IS)	Claims	NONE		
intentitio step (iii)	Claims			YE
Industrial applicability (IA)	Claims	1-21		YĖ
industrial application by (21)		NONE		NO
ations and explanations:				
e See Continuation Sheet				•
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Supplemental Box In case the space in any of the preceding boxes is not sufficient.		

V. 2. Citations and Explanations:

Claims 1-3, 5, 8, 14, and 17-19 lack novelty under PCT Article 33(2) as being anticipated by LICHT.

Regarding claim 1, LICHT discloses a primary wireless device and the associated industrial controller (paragraph 18, (15)), the secondary wireless device connected by a wireless backplane link (paragraph 19), where at least one input/output module where an associated field device is adapted to communicated with the controller (e.g., paragraph 20, (22)).

Regarding claim 2, LICHT also discloses the plurality of secondary wireless devices with input/output modules, each secondary wireless device connected by a plurality of primary wireless backplane links (e.g., paragraph 20, (22, 27, 31)).

Regarding claim 3, LICHT also discloses the secondary wireless devices are uniquely identified (e.g., paragraph 19, "similarly equipped with the RFID chip set").

Regarding claim 5, LICHT also discloses selecting the configuration device (e.g., paragraph 18, "may also be a part of the schematic")

Regarding claim 8, LICHT discloses the "some of said plurality ... in different environments" (e.g., paragraph 12, "remote location").

Regarding claim 14, LICHT also discloses the backplane comprises a radio frequency (e.g., paragraph 4).

Regarding claims 17 and 18, LICHT also discloses the secondary wireless devices comprise a backplane and the module is physically connected (e.g., Figure 3 (22); paragraph 20).

Regarding claim 19, LICHT also discloses the network adapter and primary wireless device (e.g., paragraph 20 (31)) remote from the controller (e.g., paragraph 17; paragraph 20, "PLC").

Claims 4, 6-7, 13, and 15 lack an inventive step under PCT Article 33(3) as being obvious over LICHT in view of DEFOSSE.

Regarding claim 4, LICHT does not expressly mention the particular nature of the communication; however DEFOSSE discloses the communication of time-sensitive (e.g., paragraph 24, "vending events") and time-insensitive (e.g., paragraph 24, "equipment parameters") data to the primary wireless device. It would have been well known to use DEFOSSE with LICHT because DEFOSSE teaches the advantages of using both forms of data for the purposes of control in a system such as LICHT.

Regarding claim 6, LICHT does not expressly teach the use of redundant paths; however, DEFOSSE does disclose redundant wireless

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Claim 21 lacks an inventive step under PCT Article 33(3) as being obvious over LICHT in view of KEYES.					
Regarding claim 21, LICHT does not expressly mention a peer-to-peer form of communication; however this would have been well known to use, as disclosed in KEYES; who discloses the particular form of master-servant communication (e.g., paragraph 63). It would have been well-known to use KEYES with LICHT because KEYES discloses a particular form of communication useful in industrial controllers such as LICHT.					
Claims 1-21 meet the criteria set out in PCT Article 33(4) and thus have industrial applicability because the subject matter claimed can be made or used in industry.					